

REMARKS

Claims 1-2, 4, 7-8, 15, 20, 23-24, 26, 29-30, 37, and 42 are rejected under 35 USC 102(b) as being anticipated by Reinhardt (US 5,598,565). Claims 3 and 25 are rejected under 35 USC 103(a) as being unpatentable over Reinhardt (US 5,598,565) as applied to claims 1 and 23 above, and further in view of Yamazaki et al. (US 2002/018060). Claims 5-6, and 27-28 are rejected under 35 USC 103(a) as being unpatentable over Reinhardt (US 5,598,565) as applied to claims 1 and 23 above, and further in view of Oshima et al. (US 6,535,985). Claims 9, 11, 17, 31, 33, and 39 are rejected under 35 USC 103(a) as being unpatentable over Reinhardt (US 5,598,565) as applied to claims 1 and 23 above, and further in view of Yamazaki et al. (US 2002/0018060). Claims 10 and 32 are rejected under 35 USC 103(a) as being unpatentable over Reinhardt (US 5,598,565) as applied to claims 1 and 23 above, and further in view of Yamazaki et al. (US 2002/0018060) and Oshima et al. (US 6,535,985). Claims 12, 14, 34, and 36 are rejected under 35 USC 103(a) as being unpatentable over Reinhardt (US 5,598,565) as applied to claims 1 and 23 above, and further in view of Paolini et al. (US 2002/0196257). Claims 13 and 15 are rejected under 35 USC 103(a) as being unpatentable over Reinhardt (US 5,598,565) as applied to claims 1 and 23 above, and further in view of Yamazaki et al. (US 2002/0018060) and Paolini et al. (US 2002/0196257). Claims 18, 40, 45 and 46 are rejected under 35 USC 103(a) as being unpatentable over Reinhardt (US 5,598,565) as applied to claims 1 and 23 above, and further in view of Yasui et al. (US 5,248,963). Claims 19 and 41 are rejected under 35 USC 103(a) as being unpatentable over Reinhardt (US 5,598,565) as applied to claims 1 and 23 above, and further in view of Choi (US 2001/0012005). Claims 21-22, and 43-44 are rejected under 35 USC 103(a) as being unpatentable over Reinhardt (US 5,598,565) as applied to claims 1 and 23 above, and further in view of Funyu (US 6,320,587).

Claims 1 and 23 (the independent claims) are hereby amended to point out that the information is described by a markup language having tags and parameters associated with the tags and that the tags and/or tag parameters are modified to reduce the number and/or intensity of bright pixels in the display. Support for this amendment

is found at page 3, lines 30-31 of the specification. The dependent claims are hereby amended to delete the word format when referring to the changes. Reconsideration and allowance of the claims as amended is requested for the following reasons.

As defined in amended claims 1 and 23, the present invention is directed to a method and apparatus for reducing the power used by a display device having light emitting pixels, that includes steps and means for: receiving formatted information for presentation on the display device, the formatted information being defined by a markup language having tags and parameters associated with the tags; modifying the tags and/or the parameters associated with the tags of the formatted information to reduce the number and/or intensity of bright pixels in a display of the formatted information to produce modified formatted information; rendering the modified formatted information; and displaying the rendered modified formatted information on the display device.

Reinhardt discloses a method for saving power in a display by reducing power to all, or a subset of less important pixels in the display. Reinhardt accomplishes this by providing a flat panel display power management system 195 in a flat panel display driver that reduces the amount of power provided to some or all of the pixels in the display, for example by "reducing the refresh rate or the frame rate of the flat panel display system" see Col. 4, lines 31-36.

The present invention reduces power by modifying the tags and parameters associated with the tags in a markup language to reduce the number and/or intensity of bright pixels in a display. This approach has several advantages over the approach described by Reinhardt. It can easily be implemented in the rendering software that is run in the CPU that controls the display, and does not require any modification of the display driver as taught by Reinhardt. Since Reinhardt does not teach show or suggest modifying tags and parameters associated with a markup language to accomplish power savings, it is believed that Applicant's invention as defined in amended claims 1 and 23 is patentable over Reinhardt. The remainder of the claims depend from claim 1 or 23 and are believed to be patentable for the same reasons.

It is believed that the claims in the application are allowable over the prior art and such allowance is respectfully requested.

The Commissioner is hereby authorized to charge any fees in connection with this communication to Eastman Kodak Company Deposit Account No. 05-0225.

A duplicate copy of this communication is enclosed.

Respectfully submitted,



Thomas H. Close
Attorney for Applicant(s)
Registration No. 27,428

THC:cjm
Telephone: (585) 722-2396
Facsimile: (585) 477-4646